3M.
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BOX
X-26

Scotch®
BRAND

Electrical Products Ordering Catalog

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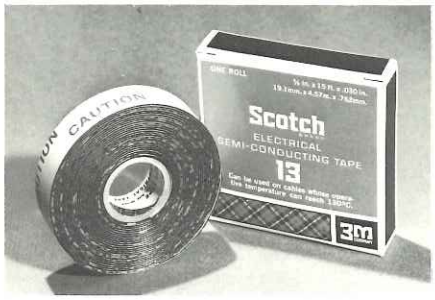


Scotch 13

Electrical Semi-Conducting Tape

13 Tape is a semi-conducting EPR (Ethylene Propylene Rubber) based tape which remains stable at elevated temperatures (130°C). It reduces the concentration of electrical stresses beneath the shield continuation in high-voltage splices and terminations, and around irregular conformation of splice connectors and terminal lugs. The tape and liner are both boldly imprinted to distinguish 13 Tape from insulating tapes.

Roll Size	Packing		
	Roll	Carton	Case
¾ in. x 15 ft.	1/Box	10	50

FOR PRICES, SEE PRICE PAGE SECTION A.

Scotch 22

Heavy-Duty Vinyl Plastic Electrical Tape

Extra-tough vinyl plastic electrical tape. 10 mils thick, No. 22 provides the added mechanical and electrical protection necessary for heavy-duty insulating jobs.

Roll Size	Packing		
	Roll	Carton	Case
¾ in. x 36 yds.	1/Box	12	48
1 in. x 36 yds.	1/Box	12	48

Other widths and lengths available upon request.
FOR PRICES, SEE PRICE PAGE SECTION A.

Scotch 23

High-Voltage Splicing Tape

Highly conformable and self-fusing, 23 Tape is an EPR (Ethylene Propylene Rubber) based corona-resistant insulating tape. It is non-vulcanizing, shelf-stable, and compatible with butyl rubber, oil-based rubber, polyethylene or cross-linked polyethylene insulations. 23 Tape can be used to splice and terminate cables whose operative temperatures can reach 130°C.

Roll Size	Packing		
	Roll	Carton	Case
¾ in. x 30 ft.	1/Box	10	50
1 in. x 30 ft.	1/Box	100	100
1½ in. x 30 ft.	1/Box	50	50
2 in. x 30 ft.	1/Box	50	50

FOR PRICES, SEE PRICE PAGE SECTION A.

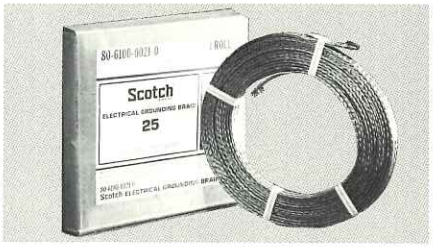
Scotch 24

Electrical Shielding Tape

All-metal open-weave shielding braid, constructed from No. 36 AWG tinned copper wires. Use 24 Tape to continue the electrostatic shielding across a splice or as the conductive surface of a stress relief cone.

Roll Size	Packing		
	Roll	Carton	Case
1 in. x 15 ft.	1/Box	10	50
1 in. x 100 ft.	1/Box	10	10

FOR PRICES, SEE PRICE PAGE SECTION A.



Scotch 25

Electrical Grounding Braid

A flat, tinned-copper braid, 3/32-inch thick, used for grounding on 6-A ribbon and strand shielded type cable splices and terminations. Constructed of 240 strands of 30 AWG tinned copper wire having a current carrying ability of 6 AWG wire and is often used singly or in multiple strips as a fault current carrying shunt between terminated cable shields in splices. Solid copper wires prohibit wicking moisture through strands and tinning permits easy soldering while preventing corrosion.

Roll Size	Packing		
	Roll	Carton	Case
½ in. x 15 ft.	1/Box	1	1

FOR PRICES, SEE PRICE PAGE SECTION A.

Scotch 27

Glass Cloth Electrical Tape

High-temperature glass cloth tape with thermosetting pressure-sensitive adhesive designed to operate at Class B (130°C) temperature. 27 Tape provides a heat-stable insulation for use in such high-temperature applications as furnace connections, etc.

Roll Size	Packing		
	Roll	Carton	Case
½ in. x 66 ft.	1/Can	10	50
¾ in. x 66 ft.	1/Can	10	50

FOR PRICES, SEE PRICE PAGE SECTION A.

Scotch 33+

Vinyl Plastic Electrical Tape

Flame retardant, cold and weather resistant, 33+ is the first and only 7-mil "one tape for all jobs". Two dramatic improvements in tape technology make 33+ the best electrical tape available with properties no other tape ever had before. Excellent for applications in extremes of heat and cold, 33+ is designed to perform in a continuous temperature environment of 105°C (220°F). Wraps and conforms superbly. Resists abrasion,

moisture, alkalies, acids and corrosion. 33+ Tape provides moisture-tight electrical and mechanical protection with minimum bulk.

Roll Size	Packing		
	Roll	Carton	Case
¾ in. x 66 ft.	1/Can	10	100
¾ in. x 44 ft.	1/Can	10	100
¾ in. x 20 ft.	10/Ctn.	10	100
⅜ in. x 20 ft.	10/Ctn.	10	100

Other widths and lengths available upon request.
FOR PRICES, SEE PRICE PAGE SECTION A.

Scotch® 35

Vinyl Plastic Electrical Tape for Color Coding

A choice of nine colors makes 35 Tape especially suited for color coding, phase identification and job safety. It resists flame, abrasion, ultraviolet rays, moisture, alkalies, solvents and many acids. In addition, 35 Tape is flame retardant, cold and weather resistant. It is recommended for PVC and polyethylene-jacketed cables. Tape colors are red, yellow, blue, white, green, orange, brown, gray and violet.

Roll Size	Packing		
	Roll	Carton	Case
¾ in. x 66 ft.	1/Can	10	100
½ in. x 20 ft.	1/Cello Pack	5	100
¾ in. x 20 ft.	10/Carton	10	100
½ in. x 36 yds.	1/Box	12	48
¾ in. x 36 yds.	1/Box	12	48
1 in. x 36 yds.	1/Box	12	48

Other widths and lengths available upon request.
FOR PRICES, SEE PRICE PAGE SECTION A.

Scotchrap® 43, 50

Corrosion Protection Tapes

No. 43 is gray 10-mil all-weather tape. No. 50 is a black 10-mil general-purpose tape. Both are pressure-sensitive and made of rugged vinyl. Both tapes handle tough corrosion protection jobs on pipes, conduit, fittings, joints, valves. Protect against moisture, oils, acids, alkalies, salts, gasoline, naphtha.

Roll Size	Packing		
	Roll	Carton	Case
1 in. x 100 ft.	1/Box	10	10
2 in. x 100 ft.	1/Box	10	10

FOR PRICES, SEE PRICE PAGE SECTION A.

Scotch® 70

Silicone Rubber Electrical Tape

High-temperature Class H (180°C) tape composed of fully-cured, inorganic silicone backing with a silicone pressure-sensitive adhesive.

Roll Size	Packing		
	Roll	Carton	Case
¾ in. x 30 ft.	1/Can	10	50

FOR PRICES, SEE PRICE PAGE SECTION A.

Scotch® 88

Vinyl Plastic Electrical Tape

88 is a flame-retardant, cold and weather-resistant tape, designed for special applications where superior cold weather resistance is judged important. Its 8.5-mil thickness provides extra electrical properties and quick time-saving buildup. The tough vinyl backing remains remarkably conformable for easy application on irregular surfaces—inside or outside—and resists abrasion, salt water, alkalies and acids.

Roll Size	Packing		
	Roll	Carton	Case
¾ in. x 66 ft.	1/Can	10	100
¾ in. x 44 ft.	1/Can	10	100
1½ in. x 44 ft.	1/Box	10	100
¾ in. x 20 ft.	10/Ctn.	10	100
½ in. x 36 yds.	1/Box	12	48
¾ in. x 36 yds.	1/Box	12	48
1 in. x 36 yds.	1/Box	12	48

Other widths and lengths available upon request.
FOR PRICES, SEE PRICE PAGE SECTION A.

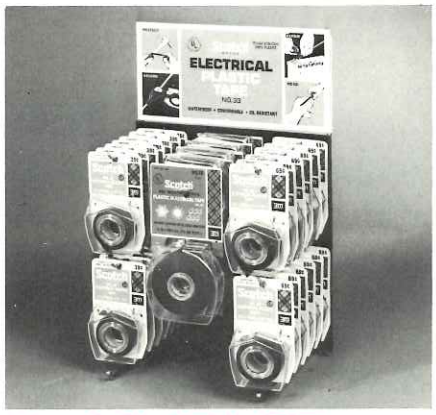
Scotch® 99

Special, Heavy-Duty Vinyl Plastic Electrical Tape

This special heavy-duty tape has a unique adhesive which gives 99 the ability to be used on wires and cables rated up to 105°C. 99 Tape, 8.5-mils thick, performs under oil-splash conditions without affecting its physical or electrical properties.

Roll Size	Packing		
	Roll	Carton	Case
¾ in. x 66 ft.	1/Can	10	100

FOR PRICES, SEE PRICE PAGE SECTION A.



Scotch® 194, 195, 196, ET-5

Plastic Tape Displays; Wire Merchandiser Rack

These carded electrical vinyl plastic tapes in convenient dispensers are available separately (open stock) or as a balanced assortment of 48 rolls on a free ET-5 Wire Merchandiser Rack. The rack, 15¼ inches high, 9⅝ inches wide and 6½ inches deep,

can be used as a counter/shelf display stand or it can be attached to a pegboard display. Catalog numbers 194 and 195 are Scotch Brand 33 Tapes, 7-mil, general-purpose. 196 is 8.5-mil Scotch 88 Tape, flame retardant, cold and weather resistant. All three tapes are oil and acid resistant, waterproof and conformable.

Product No.	Roll Size	Packing: Rolls/ Display	Packing: Displays/ Carton
194	½ in. x 200 in.	12	12
195	¾ in. x 250 in.	12	12
196	¾ in. x 550 in.	12	6

		Packing
ET-5: Deal	24 Rolls of Cat. 194 12 Rolls of Cat. 195 12 Rolls of Cat. 196 1 Wire Display Rack	4 ET-5 Deals/ Carton

FOR PRICES, SEE PRICE PAGE SECTION A.

Irvington 621

Oil-Stop

Stops oil flow to provide oil-tight cable joints. Brushed or troweled in place in alternate layers with Fibremat Brand Insulating Tape.

Size	Packing: Cans/Carton
¼-Pint Can	10

FOR PRICES, SEE PRICE PAGE SECTION A

Scotch 2200, 2210

Vinyl Mastic Pads and Roll

An inert, self-fusing insulating compound laminated to an all-weather electrical grade vinyl plastic. Molds around difficult shapes and insulates, pads, and moisture seals all connections up to 600 volts.

Product No.	Size	Packing: Box	Packing: Carton
2200			
Pads:	3¼ in. x 4½ in. x 125 mils	10/Box	5 Boxes
	6½ in. x 4½ in. x 125 mils	10/Box	5 Boxes
2210			
Roll:	4 in. x 10 ft. x 90 mils	1/Box	10 Boxes

FOR PRICES, SEE PRICE PAGE SECTION A.

Irvington 2450

Copper Mesh Braid

Designed to continue electrostatic shielding across a splice or as the conductive surface of a stress relief cone. Constructed by wrapping a fine copper foil helically over a cotton thread and weaving into a .020-inch mesh braid. Packaged, oil-immersed, in cans.

Roll Size	Packing
¾ in. x 60 ft.	Cans: Pint; quart; ½-gallon; 1, 2 and 5-gallon

FOR PRICES, SEE PRICE PAGE SECTION A.

Irvington 2451

Cotton Binder Tape

2451 Tape is a 20-mils thick, electrical grade white cotton herringbone-weave tape, designed to bind together completely insulated and shielded conductors. This tape meets ASTM-D-335 "Standard Specifications for Woven Cotton Tapes." Packaged, oil-immersed, in cans.

Roll Sizes	Packing
1 in. x 18 yds. 1 in. x 36 yds. 2 in. x 18 yds. 2 in. x 36 yds.	Cans: Pint; quart; ½-gallon; 1, 2 and 5-gallon

FOR PRICES, SEE PRICE PAGE SECTION A.

Irvington 2452

Carbon-Black Crepe Paper Tape

2452 is a 3-mil, 3-ply, high-quality electrical grade kraft paper semi-conducting tape used in medium-high voltage and extra-high voltage cable ranges. Splice-free rolls are vacuum treated, impregnated with electrical grade, low-loss, penetrating oil and packed, oil-immersed, in cans. 2452 Tape smooths a conductor surface and continues electrostatic shielding across a splice or the conductive surface of a stress relief cone.

Roll Size	Packing
1 in. x 4 yds. 1 in. x 36 yds.	Cans: Pint; quart; ½-gallon; 1, 2 and 5-gallon

FOR PRICES OF PUT-UPS IN CANS, SEE PRICE PAGE SECTION A.

Irvington 2453

Cotton Tape

Irvington 2453 is a 7-mil, electrical grade, 90° weave, white cotton tape designed for cleaning connections, protecting and securing cable insulation and for temporary lashing. Packaged, oil-immersed, in cans.

Roll Size	Packing
1 in. x 18 yds.	Cans: Pint; quart; ½-gallon; 1, 2 and 5-gallon

FOR PRICES, SEE PRICE PAGE SECTION A.

Irvington 2454

Cotton Yarn

2454 is a soft cotton yarn immersed in high-grade electrical insulating oil. 2454 is designed to fill the corners of stepped insulation. It is also used for temporarily securing factory-applied insulation and shielding during cable preparation and insulating. Dry packaged ¼-ounce spools are also available.

Spool Weight	Spool	Packing: Carton	Packing: Case
¼ oz.	1/Box	—	—

Also available oil-immersed in pint; quart; ½-gallon; 1, 2 and 5-gallon cans.

FOR PRICES, SEE PRICE PAGE SECTION A.

Irvington 2510

Varnished Cambric (Dry Packed; Without Adhesive)

Bias-cut cotton fabric is oil-primed, coated with a high-grade yellow electrical insulating varnish. The result is a quality, flexible, moisture-resistant yellow film, without adhesive, dry packed, and available in 7-mil and 10-mil thicknesses. 2510 is puncture and cut-through resistant and its slippery surface allows slipping of tape so wraps make a more void-free, compact dielectric. Excellent for re-entry in temporary splices.

Thickness	Size	Packing		
		Roll	Carton	Case
.007 in.	¾ in. x 60 ft.	1/Box	10	50
.007 in.	¾ in. x 36 yds.	—	12	48
.007 in.	1 in. x 36 yds.	—	9	36
.007 in.	1½ in. x 36 yds.	—	6	24
.010 in.	¾ in. x 36 yds.	—	12	48
.010 in.	1 in. x 36 yds.	—	9	36
.010 in.	1½ in. x 36 yds.	—	6	24
.010 in.	2 in. x 36 yds.	—	4	16

FOR PRICES, SEE PRICE PAGE SECTION A.

Irvington 2511

Varnished Cambric (Oil-Immersed)

2511 has the same basic construction as 2510 except that it is coated with a black electrical insulating varnish. It is available in 10-mil and 12-mil thicknesses and is oil-immersed in cans whose double-friction lids are solder-sealed.

2511 is available in ¼, ½, ¾, 1, 1½, and, 2-inch widths and 4, 18 and 36-yard lengths. Can sizes are pint; quart; ½-gallon; 1, 2 and 5-gallon.

TO PRICE AN OIL-IMMERSED PUT-UP, SEE PRICE PAGE SECTION A.

Irvington 2520

Varnished Cambric Tape (With Adhesive)

Varnished Cambric with adhesive provides heavy-duty insulation where top-notch mechanical protection and puncture resistance are needed. Adhesive simplifies and speeds application while retaining important re-entry feature of Varnished Cambric. 2520 is dry packed, yellow, with a 9-mil thickness and has the same basic construction as 2510.

Thickness	Size	Packing		
		Roll	Carton	Case
.009 in.	¾ in. x 60 ft.	1/Box	10	50
.009 in.	¾ in. x 36 yds.	—	12	48
.009 in.	1 in. x 36 yds.	—	9	36
.009 in.	1½ in. x 36 yds.	—	6	24

FOR PRICES, SEE PRICE PAGE SECTION A.

Fibremat® III 2551, 2559

Electrical Insulating Varnished Polyester Tape (Reinforced; Without Adhesive)

These two tapes have the same flexible mat construction of 100% non-woven polyester fibers for insulating high-voltage cables. Both are black, without adhesive. Both have excellent conformability and moisture and solvent resistance. Both have a Class A (105°C) rating. 2551 Tape is 10-mils thick and 2559 is a 12-mil tape. Reinforcing fibers enable tapes to be stressed without rupturing fibers. Available dry (greasy finish) or oil-immersed.

	Size	Packing		
		Roll	Carton	Case
2551	¾ in. x 36 yds.	—	12	48
	1 in. x 36 yds.	—	9	36
2559	¾ in. x 36 yds.	—	12	48
	1 in. x 36 yds.	—	9	36
2559	¼ in. x 4 yds.	3/Bag	150 Bags	—
	¾ in. x 4 yds.	3/Bag	100 Bags	—
	¾ in. x 18 yds.	1/Bag	100 Bags	—

FOR PRICES, SEE PRICE PAGE SECTION A.

Oil-immersed 2551 and 2559 are available in ¼, ½, ¾, 1, 1½ and 2-inch widths and 4, 18 and 36-yard lengths. Can sizes are pint; quart; ½-gallon; 1, 2 and 5-gallon.

TO PRICE AN OIL-IMMERSED PUT-UP, SEE PRICE PAGE SECTION A.

Fibremat® II 2577

Electrical Insulating Varnished Polyester Tape (With Adhesive)

2577 Tape (9-mils thick) is constructed of 100% non-woven polyester fibers, impregnated and coated with a yellow, high-grade electrical insulating varnish. This tape provides high-temperature performance and good moisture, cut-through and solvent resistance.

Roll Size	Packing		
	Roll	Carton	Case
¾ in. x 60 ft.	1/Box	10	50

FOR PRICES, SEE PRICE PAGE SECTION A.

Irvington 4000, 4100, 4200

Electrical Insulating Crepe Paper Tapes (Oil Impregnated)

These tapes are made from 3-ply, high-quality, electrical grade kraft paper. They are designed for use in medium-high voltage (MHV) and extra-high (EHV) cable ranges where low dielectric loss and low power factor are essential requirements. Splice-free rolls are vacuum treated, impregnated with low-loss penetrating oils, and packed in cans. 4000 and 4100 (low loss) are 10-mils thick and 4200 is a 16-mil tape. Widths range from ½ inch to 1½ inches, and lengths are 4, 18 and 36 yards.

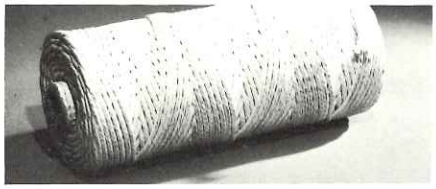
TO PRICE AN OIL-IMMERSED PUT-UP, SEE PRICE PAGE SECTION A.

Scotch 7700
Electric Arc and Fire-Proofing Tape

No. 7700 is an arc-proofing and fire-proofing tape composed of a heat-resistant organic fabric, coated on one side with a flame-retarding elastomer. Protects primary and secondary circuits by reducing "down time" caused by a power cable failure which damages adjacent cables by arcing or burning.

Roll Size	Packing		
	Roll	Carton	Case
1½ in. x 20 ft.	1/Box	10	10
3 in. x 20 ft.	1/Box	10	10

FOR PRICES, SEE PRICE PAGE SECTION A.



Scotch A-4
Glass-Fiber Tying Cord

A neoprene-coated fiberglass cord used to hold Scotch Brand 7700 Electric Arc and Fire-Proofing Tape to cables. It is capable of withstanding elevated temperatures, fire, water, raw sewage chemical attack, oil and ultraviolet exposure without rotting or deteriorating. Neoprene-coated fiberglass tying cord is also used to support cables while splicing and terminating. The neoprene coating covers sharp and barbed fiberglass, eliminating possible skin irritations.

Spool Size	Spool	Packing	
		Carton	Case
250 ft. x .094 in.	1/Box	1	1

FOR PRICES, SEE PRICE PAGE SECTION A.

Hyflex
Vinyl Plastic Electrical Tape

Hyflex Tape is a general-purpose, economy grade, medium priced tape with a tough vinyl backing. Produced under rigid manufacturing standards that assure consistent quality. Individually cello wrapped to insure clean rolls.

Roll Size	Packing		
	Roll	Carton	Case
¾ in. x 60 ft.	1/Cello Pack	10	100

FOR PRICES, SEE PRICE PAGE SECTION A.

Scotchfil
Electrical Insulation Putty

Self-fusing elastic type putty in tape form. Scotchfil Putty can be wrapped, stretched, or molded around irregular shapes for quick, smooth insulation buildup.

Roll Size	Packing		
	Roll	Carton	Case
1½ in. x 60 in. x ⅛ in. thick	1/Box	10	50

FOR PRICES, SEE PRICE PAGE SECTION A.

SECTION·B

Scotchcast 4
Insulating Resin

Two-part epoxy resin, packaged in Unipak Brand Containers, for exact mixing ratios and convenience. 4 Resin is an excellent general-purpose insulating and sealing resin. Available in four convenient sizes.

UNIPAK CONTAINER

Size	Fl. Oz.	Packing	
		Containers/ Box	Containers/ Carton
F	1⅜	1	10
A	2¾	1	10
B	6¼	1	10
C	12½	1	10

FOR PRICES, SEE PRICE PAGE SECTION B.

Scotch A-2
Cable Preparation Kit

Reduce danger of electrical failure with this sealed, easy-open, kit-in-a-can. Each kit contains enough cleaning materials to prepare any normal synthetic cable splice or termination. Three lint-free non-woven pads, saturated with trichloroethane, are sealed in each compact aluminum can. One strip of non-conductive 120-grit, closed-coat aluminum oxide, is wrapped under the label on the exterior of each can.

Kits/ Can	Kits/ Carton	Packing Kits/ Case
1	10	50

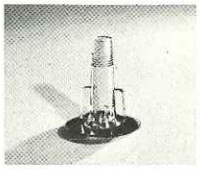
FOR PRICES, SEE PRICE PAGE SECTION B.

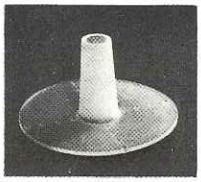
Scotch A-3
Electricians' Abrasive Roll

A non-conductive, extremely flexible 120-grit, closed-coat aluminum oxide (1 inch x 25 yards) is available in roll form in a dispenser-type box.

Rolls/ Box	Packing Rolls/ Case
1	10

FOR PRICES, SEE PRICE PAGE SECTION B.





Scotchcast® BRAND

Resin-Pressure Splicing Materials

Used for construction of liquid-tight molds for insulating and moisture-proofing splices rated up to 7.5KV and for building a moisture-proof casting over tape splices. Adaptable to odd-size cable and splice configurations.

Product No.	Packing: Per Box	Per Ctn.	Per Case
P-1A Injection Fitting	10	1 Box	5 Boxes
P-5A Nozzle For E-4A Gun	10	1 Box	5 Boxes
P-3 Spacer Tape	1 Roll	10 Rolls	50 Rolls
P-4 Restriction Tape	1 Roll	10 Rolls	50 Rolls
E-4A Resin-Pressure Gun	1	1	1

Additional materials needed to complete the splice are: Scotch Brand 33 Electrical Tape, 1½ in. x 36 yds. and Scotchcast Brand 4 Electrical Resin.

FOR PRICES, SEE PRICE PAGE SECTION B.

SECTION·C

Scotch 1602, 1603 BRAND

Ivi-Spray Sealer

An electrical-grade sealer in a pressurized can which protects against weather, moisture, acids, alkalies and oils. Provides 850 volts-per-mil insulation. 1602 is red. 1603 is black.

Spray Can Contents	Packing: Carton	Case
11 fl. oz.	10	10

FOR PRICES, SEE PRICE PAGE SECTION C.

Scotch 1605 BRAND

Demoisturant

Displaces moisture, "dries out" electrical equipment, ignition systems, generators, motors. Prevents shorting. 1605 spreads a thin, non-greasy film which penetrates surface pores to inhibit rust. Frees rusted, frozen bolts and nuts. Lubricates delicate machines and instruments. Harmless to paint, plastic, fabrics and rubber.

Spray Can Contents	Packing: Carton	Case
23 fl. oz.	10	10

FOR PRICES, SEE PRICE PAGE SECTION C.

Scotch 1606 BRAND

Degreaser

Quickly cleans and degreases electric motors and other electric equipment. Dissolves and flushes away dirt, grease and tar deposits from motors, generators, relays, switches and bus bars.

1606 will not stain or get gummy and does not contain carbon tetrachloride, silicone or petroleum solvents. Non-flammable and non-corrosive.

Spray Can Contents	Packing: Carton	Case
23 fl. oz.	10	10

FOR PRICES, SEE PRICE PAGE SECTION C.

Scotch 1607 BRAND

Contact Cleaner

Provides instant solvent and cleaning action. Quickly removes oil, grease, films and dust. Restores and maintains precision of electronic instructions. Eliminates noise caused by dust and dirt. Lubricates and protects against corrosion on switches, circuit breakers, relays, solenoids, generators, coils, motors, timers, alarms, controls, connectors, tape heads and motors.

Spray Can Contents	Packing: Carton	Case
23 fl. oz.	10	10

FOR PRICES, SEE PRICE PAGE SECTION C.

Scotch 1608 BRAND

Dry Lubricant

Unique, instant-drying, fluorocarbon telomer provides dry-film lubricant, corrosion inhibitor and release agent. Contains no silicone. No need to clean parts before coating or bonding. Non-staining and translucent. 1608 resists water, oil, detergents, solvents—and temperatures to 500°F. Not harmful to painted surfaces and does not collect dust or dirt when used on machine parts, bearings, cables, sleeves, locks, hinges, pulleys or windows.

Spray Can Contents	Packing: Carton	Case
14½ fl. oz.	10	10

FOR PRICES, SEE PRICE PAGE SECTION C.

Scotch 1609 BRAND

Silicone

This versatile spray silicone contains no petroleum oils. Fast drying, long lasting. Will not get gummy or stain or freeze at −28°F, or degrade at 350°F. Lubricates, waterproofs, prevents rust. Eliminates friction squeaks and seals out moisture. Preserves plastic, rubber and leather. Prolongs life of cutting tools.

Spray Can Contents	Packing: Carton	Case
23 fl. oz.	10	10

FOR PRICES, SEE PRICE PAGE SECTION C.

Scotch 1610

Clear Coating

Crystal-clear, spray-on coating protects against rot, decay, corrosion, oxidation, moisture, salt, alkali, handling and wear. Adheres to metals, glass, wood and plastics. Provides tough, quick-drying film which will not crack or peel. Sprays on over paint. Excellent heat and ultraviolet stability. Protects and insulates electrical circuits, connections and printed circuit boards against moisture.

Spray Can Contents	Packing	
	Carton	Case
15 fl. oz.	10	10

FOR PRICES, SEE PRICE PAGE SECTION C.

Scotch 1611

Adhesive

A rubber-resin adhesive with a fast-drying solvent as the carrier. Resists water, humidity and oxidation. Bonds nearly any lightweight material such as paper, fabric, cork, foil, cardboard, felt, rubber and most plastics. 1611 Adhesive has a delicate, accurate spray pattern.

Spray Can Contents	Packing	
	Carton	Case
23 fl. oz.	10	10

FOR PRICES, SEE PRICE PAGE SECTION C.

Irvington 2532

Electrical Enamel

Electrical grade enamel for insulating and sealing. Available in quart or gallon cans. Color: Red.

Can Size	Packing	
	Carton	Case
Quart	12	12
Gallon	4	4

FOR PRICES, SEE PRICE PAGE SECTION C.

Irvington T-207

Electrical Enamel Thinner

A toluol electrical enamel thinner. Available in quarts and gallons.

Can Size	Packing	
	Carton	Case
Quart	12	12
Gallon	4	4

FOR PRICES, SEE PRICE PAGE SECTION C.

Scotchkote

Electrical Coating

An electrical grade, fast-drying sealing agent in a brush-top can. It is compounded to be compatible with Scotch Brand Plastic Electrical Tapes and provides extra moisture and corrosion protection.

Can Contents	Packing	
	Carton	Case
7½ fl. oz.	10	10

FOR PRICES, SEE PRICE PAGE SECTION C.

Scotch

Conduit Sealing Compound

Thixotropic, translucent sealant grease to prevent moisture penetration of conduit. Compatible with all standard cable or wire insulations (polyethylene, polycarbonate, PVC, etc.) and non-corrosive to metals. Installed with common pumping equipment.

Container	Packing
	Carton
5-Gal. Pail	1
55-Gal. Drum	1

FOR PRICES, SEE PRICE PAGE SECTION C.

3M 5401, 5402

Quick-Splice Inline Splicing Kits

A line of splicing kits for fast and convenient URD cable splicing. The kits contain everything needed to make a splice. Quick-Splice Kits consist of a connector; a molded, slip-on insulation body; and two end caps. The molded body consists of high-quality insulating EPR rubber, sandwiched between two molded layers of semiconducting EPR rubber. Quick-Splice insulates and seals a high-performance crimp connector with waterproof protection for direct-burial URD applications.

Kit No.	Voltage	BIL	Cable Insulation O.D. Range	Conductor Range
5401	15 KV	110 KV	.630 in.-.810 in.	#2-1/0 AWG
5402	15 KV	110 KV	.785 in.-.910 in.	#2-1/0 AWG

Product No.	Packing	
	Kits/Carton	Kits/Case
5401	1	10
5402	1	10

FOR PRICES, SEE PRICE PAGE SECTION D.

3M PST 8413, 8414, 8415, 8416

Connector Insulators

A series of open-ended, tubular, prestretched EPR rubber sleeves which are factory assembled onto a removable, collapsible core. They are designed to insulate and seal terminal lugs, crab connections and in-line splices for aluminum or copper cables (600 volts or less). PST Insulators are resistant to moisture, ozone, sunlight, acids and alkalies. The EPR rubber used in each tube is an excellent electrical grade insulator. Relaxed PST must overlap cable insulation at least 1 inch for proper moisture seal.

SELECTOR GUIDE FOR MOST 600-VOLT CABLE						
PST Prod. No.	Cond. Size	Min. Dia. PST Tube Will Cover (in.)	Max. Dia. To Be Covered (in.)	Max. Conn. Length (in.)	Length of PST As Supplied on Core (in.)	PST Length Relaxed (in.)
8413	#2 & #1 AWG	.42	.60	4	6	7
8414	1/0 & 2/0	.52	.76	4.75	6	7.25
8415	3/0 & 4/0	.62	.96	5	7	8
8416	250, 300 & 350 MCM	.76	1.24	6.50	7	9

	Packing	
1 Unit/Bag	10 Bags/Carton	
	1	10

FOR PRICES, SEE PRICE PAGE SECTION D.

3M CI-22, CI-2, CI-1, CI-1/0

Connectors

These connectors must be used with 5400 Series Kits. Connectors must be ordered separately but will be included in each kit.

	Conductor Size		Packing	
Product No.	Stranded AWG	Solid AWG	Connectors/ Carton	Connectors/ Case
CI-22	—	#2	1	10
CI-2	#2	#1	1	10
CI-1	#1	1/0	1	10
CI-1/0	1/0	—	1	10

FOR PRICES, SEE PRICE PAGE SECTION D.

Scotchcast® 82-A1, 82-A2, A2-A3

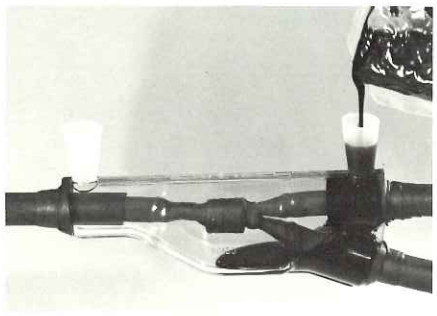
Electrical Splicing Kits (For Inline Splices)

Tough, moisture-proof splice encapsulation is provided by these reliable splicing kits designed for insulating and splicing non-shielded cables rated up to 5 KV. (Multi-conductor cables rated up to 600 volts.) The 82-A1, A2 and A3 Kits have two-piece, transparent snap-together mold bodies. Kits include tape for sealing ends and Scotchcast Brand 4 Resin in the unique Unipak Container as the insulating and sealing compound. Pour in 4 Resin until it rises in the funnels and in 30 minutes the splice is ready for a long, reliable life.

			Packing	
Kit No.	Cond. Size*	Max. Conn. O.D. Sleeve Type	Kits/ Ctn.	Kits/ Case
82-A1	2	13/32 in.	1	10
82-A2	2-3/0	5/8 in.	1	10
82-A3	3/0-400	1 in.	1	10

*Cable O.D.: 82-A1 max. 5/8 in.; 82-A2 max. 1 in.; 82-A3 max. 1 1/16 in.

FOR PRICES, SEE PRICE PAGE SECTION D.



Scotchcast® 82-B1

Electrical Splicing Kit (For Wye and Tap Splices)

Same basic construction as 82-A Series. Two-part transparent mold snaps around splice and is ready for Scotchcast 4 Resin. 82-B1 is used for wye or tap splices on non-shielded cables up to 5 KV—and multi-conductor cables up to 600 volts.

Connector Type			Packing	
Split Bolt	Crimp	Cable O.D.	Kits/ Carton	Kits/ Case
4 max.	2 max.	1/4 in.-5/8 in.	1	10

FOR PRICES, SEE PRICE PAGE SECTION D.

Scotchcast® 85-10, 85-12, 85-14

Multi-Mold Splicing Kits

These versatile splicing kits are designed for splicing odd-size and odd-splice configurations. The mold is formed around the splice. Porous spacer webbing insures proper insulation thickness. Scotchcast 4 Resin (included in kit) is poured into mold body to insulate and seal the joint. Splice is then ready for heavy-duty service (up to 600 volts) above ground or buried. Three sizes are available to cover a wide range of cable sizes and shapes.

			Packing	
Kit No.	Conn. Type	Max. Cond. Size	Kits/ Carton	Kits/ Case
85-10	Split-Bolt Compression H Tap or C	8 Str. 4 Str.	1	10
85-12	Split-Bolt Compression H Tap or C	1 Str. 2/0 Str.	1	10
85-14	Split-Bolt Compression H Tap or C	2/0 Str. 4/0 Str.	1	10

FOR PRICES, SEE PRICE PAGE SECTION D.

Scotchcast® 90-B1

Electrical Splicing Kit (For Wye and Tap Splices)

Transparent, two-part mold is similar to 82-B1 construction. 90-B1 snaps around wye or tap splice. Pour Scotchcast 4 Resin (included in kit) from Unipak Container directly into mold body. Use this kit on cables rated 600 volts or less for reliable service in above-ground or buried applications.

Connector Type			Packing	
Split Bolt	Crimp	Cable O.D.	Kits/ Carton	Kits/ Case
1/0 max.	2/0 max.	Main, 1/2 in.-13/16 in. Tap, 3/8 in. max.	1	10

FOR PRICES, SEE PRICE PAGE SECTION D.

SECTION·E

Scotch® 2330, 2340, 2360, 2380

Stress Cone Pennants

Available in four sizes to build up a perfect stress relief cone on all synthetic insulated cables rated up to 15 KV. Pennants feature an adhesive tab for easy starting.

Prod. No.	Voltage	Rubber	EPR Poly and XLP
2330	5KV Grd & Ung	#8-300	#8-500
30 in.	15KV Grd	—	#4-3/0
Pennant	15KV Ung	—	#1-1/0
2340	5KV Grd & Ung	350-800	500-1000
40 in.	15KV Grd	#4-#2	4/0-450
Pennant	15KV Ung	—	2/0-400
2360	5KV Grd & Ung	900-2500	1250-2500
60 in.	15KV Grd	#1-550	500-1750
Pennant	15KV Ung	#1-2/0	450-1500
2380	15KV Grd	600-1500	2000-2500
80 in.	15KV Ung	3/0-500	1750-2500
Pennant		—	—

Packing: 1 pennant per box, 10 pennants per carton.

FOR PRICES, SEE PRICE PAGE SECTION E.

Scotch® 5611, 5613, 5615

Pennant Termination Kits

Materials necessary to make three terminations on shielded or concentric neutral (URD) cable rated from 5 to 15 KV are included in each kit. Kits feature Scotch Brand Pennants and Scotch Brand 13, 23 and 88 Electrical Tapes.

Kit No.	Voltage	Rubber	EPR, Poly and XLP	Packing Kits/Ctn.
	5KV Grd & Ung	#8-4/0	#8-300	
5611	15KV Grd	—	#4-3/0	1
	15KV Ung	—	#1-1/0	
	5KV Grd & Ung	250-600	350-800	
5613	15KV Grd	#4-#2	4/0-450	1
	15KV Ung	—	2/0-400	
	5KV Grd & Ung	650-1000	900-1000	
5615	15KV Grd	#1-550	500-1000	1
	15KV Ung	#1-2/0	450-1000	

FOR PRICES, SEE PRICE PAGE SECTION·E.

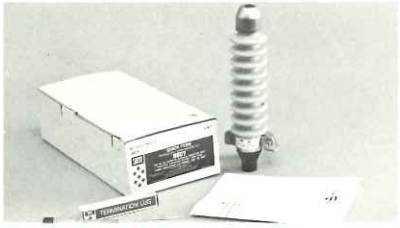
Scotch® 5701, 5702, 5703

K Tape Termination Kits

Designed to terminate shielded or concentric neutral (URD) cables from 5KV to 15KV in weather-protected areas. Can also be used in outdoor low-contamination areas with addition of track and UV-resistant Scotch Brand 70 Silicone Rubber Tape. Each kit contains enough material to make three terminations: Scotch Brand 13, 23, 33+ Tapes and 2200 (stress control tape); 3 mechanical ground straps.

Kit No.	Voltage	Rubber	Poly-ethylene	Packing Kits/Ctn.
	5KV	#8-4/0	#8-4/0	
5701	8KV	#8-4/0	#8-4/0	1
	15KV Grd	#8-#2	#8-4/0	
	5KV	250-1000	250-1000	
5702	8KV	250-1000	250-1000	1
	15KV Grd	#1-4/0	250- 750	
	15KV Ung	—	#8-#2	
5703	15KV Grd	250-1000	800-1000	1
	15KV Ung	#8-500	#1-1000	

FOR PRICES, SEE PRICE PAGE SECTION E.



3M 5801, 5802, 5803, 5804, 5805, 5806, 5807, 5808

Quick-Term Porcelain Termination Kits

Quick-Term Kits are factory-assembled 15 KV class, pre-filled for termination of 175-mil to 220-mil polyethylene and cross-linked polyethylene (XPL) insulated concentric neutral (URD) cable. The kits will handle copper or aluminum, stranded or solid conductors, in the #2 AWG through 3/0 AWG range, by proper selection of the accompanying "LP" series pin-type lug. Each 15 KV termination kit is available with a standard (seven skirts) insulator or an extended (nine skirts) insulator. The termination can be mounted free-hanging or with a single tongue mounting plate for an EE1-NEMA Bracket.

Kit No.		Cond. Size	Cable Insulation O.D. Range	Cable Rated Voltage	Insulator Size
Free-Hanging	Bracket Mounted				
5801	5805	#2 to 3/0 AWG	.625 in. to .810 in.	15 KV	Standard 7 Skirt
5802	5806	#2 to 3/0 AWG	.780 in. to .920 in.	15 KV	Standard 7 Skirt
5803	5807	#2 to 3/0 AWG	.625 in. to .810 in.	15 KV	Extended 9 Skirt
5804	5808	#2 to 3/0 AWG	.780 in. to .920 in.	15 KV	Extended 9 Skirt

Packing: 1 Kit per Carton.

FOR PRICES, SEE PRICE PAGE SECTION E.

Scotchcast® MB-1

Mounting Bracket

Cross-arm mounting bracket for mounting Scotchcast Brand Porcelain Termination Kits No. 5900 series.

Product No.	Packing	
	Brackets/Ctn.	Brackets/Case
MB-1	1	10

FOR PRICES, SEE PRICE PAGE SECTION E.

3M LP-1, LP-2, LP-1/0, LP-2/0, LP-3/0

Termination Lugs

Special 3M Brand LP Series Termination Lugs must be used with 5800 Series Kits. Lugs must be ordered separately, but will be included in each kit.

Product No.	Conductor Size		Packing	
	Stranded	Solid	Lugs/Ctn.	Lugs/Case
LP-2	#2	#2, #1	1	10
LP-1	#1	1/0	1	10
LP-1/0	1/0	—	1	10
LP-2/0	2/0	—	1	10
LP-3/0	3/0	—	1	10

3M Brand CP-1 Parallel Clamp
The CP-1 is an optional item for connecting aerial wire to pin-type lug. Bagged and filled with anti-oxidant paste. Fits 6 solid to 2/0 stranded AWG.

Packing: 10 connectors per carton.

FOR PRICES, SEE PRICE PAGE SECTION E.

Scotchcast® 5903, 5904, 5905, 5906, 5912, 5913

Porcelain Termination Kits

Designed to terminate single-conductor shielded or concentric neutral (URD) cable rated from 5 through 25 KV. Each kit can handle six different conductor sizes. Kits feature: a wet process porcelain insulator, stress control tape, sealed metal top cap, a mechanical grounding strap and Scotchcast Brand Elastomeric Compound. For aluminum conductor, special lugs are available. Order separately—see Scotchcast Brand Termination Lugs for information.

Kit No. and Rating	Cond. Size Min.	Cond. Size Max.	Max. Insul. O.D. Shield	Max. Insul. O.D. URD	Max. Cable O.D. Shield	Max. Cable O.D. URD*
No. 5903 (15KV)	#2	4/0	1.125″	1.090″	1.250″	1.150″
No. 5904 (25KV)	#2	4/0	1.125″	1.090″	1.250″	1.150″
No. 5905 (15KV)	4/0	500	1.625″	1.570″	1.750″	1.630″
No. 5906 (25KV)	4/0	500	1.625″	1.570″	1.750″	1.630″
No. 5912 (15KV)	500	750	1.625″	1.570″	1.750″	1.630″
No. 5913 (25KV)	500	750	1.625″	1.570″	1.750″	1.630″

*Not including external concentric wires for URD cable.

Packing: One kit/box.

FOR PRICES, SEE PRICE PAGE SECTION E.

TERMINATION SELECTION TABLE

CONDUCTOR SIZE	5 KV SHIELDED RUBBER	5 KV SHIELDED POLY, XLP, EPR	5 KV CONCENTRIC NEUTRAL RUBBER	5 KV CONCENTRIC NEUTRAL POLY, XLP, EPR	CONDUCTOR SIZE	15 KV GRD SHIELDED RUBBER	15 KV GRD SHIELDED POLY, XLP, EPR	15 KV GRD CONCENTRIC NEUTRAL RUBBER	15 KV GRD CONCENTRIC NEUTRAL POLY, XLP, EPR
#2 AWG	*5903	*5903	*5903	*5903	#2 AWG	*5903, *5904	*5903, *5904	*5903, *5904	*5903, *5904
#1 AWG					#1 AWG				
#1/0 AWG					#1/0 AWG				
#2/0 AWG					#2/0 AWG				
#3/0 AWG					#3/0 AWG				
#4/0 AWG					#4/0 AWG				
250 MCM	†5905	†5905	†5905	†5905	250 MCM	†5905, †5906	†5905, †5906	†5906, †5906	†5905, †5906
300 MCM					300 MCM				
350 MCM					350 MCM				
400 MCM					400 MCM				
450 MCM					450 MCM				
500 MCM					500 MCM	†5912 COPPER †5913 CONDUCTOR ONLY			
550 MCM	†5912 COPPER CONDUCTOR ONLY	†5912 COPPER CONDUCTOR ONLY	†5912 COPPER CONDUCTOR ONLY	†5912 COPPER CONDUCTOR ONLY	550 MCM		†5912, †5913 COPPER CONDUCTOR ONLY	†5912, †5913 COPPER CONDUCTOR ONLY	†5912, †5913 COPPER CONDUCTOR ONLY
600 MCM					600 MCM				
650 MCM					650 MCM				
700 MCM					700 MCM				
750 MCM					750 MCM				

CONDUCTOR SIZE	15 KV UNG SHIELDED POLY, XLP, EPR	15 KV UNG CONCENTRIC NEUTRAL POLY, XLP, EPR	CONDUCTOR SIZE	25 KV SHIELDED POLY, XLP, EPR	25 KV CONCENTRIC NEUTRAL POLY, XLP, EPR
#2 AWG	*5903, *5904	*5903, *5904	#2 AWG	*5904	*5904
#1 AWG			#1 AWG		
#1/0 AWG			#1/0 AWG		
#2/0 AWG			#2/0 AWG		
#3/0 AWG			#3/0 AWG		
#4/0 AWG			#4/0 AWG**		
250 MCM	†5905, †5906	†5905, †5906	250 MCM	†5906	†5906
300 MCM			300 MCM		
350 MCM			350 MCM		
400 MCM			400 MCM		
450 MCM			450 MCM		
500 MCM			500 MCM		
550 MCM	†5912, †5913 COPPER CONDUCTOR ONLY	†5912, †5913 COPPER CONDUCTOR ONLY	550 MCM	COPPER †5913 CONDUCTOR ONLY	†5913 COPPER CONDUCTOR ONLY
600 MCM			600 MCM		
650 MCM			650 MCM		
700 MCM			700 MCM		
750 MCM			750 MCM		

*Based on standard insulation thickness and cable construction.

FINAL DETERMINING FACTOR:

SHIELDED CABLE
- Maximum insulation O.D. ..... 1.125″
- Maximum cable O.D. ..... 1.250″

CONCENTRIC NEUTRAL CABLE
- Maximum insulation O.D. ..... 1.090″
- Maximum semi-conductive jacket O.D. ..... 1.150″

†Based on standard insulation thickness and cable construction.

FINAL DETERMINING FACTOR:

SHIELDED CABLE
- Maximum insulation O.D. ..... 1.625″
- Maximum cable O.D. ..... 1.750″

CONCENTRIC NEUTRAL CABLE
- Maximum insulation O.D. ..... 1.570″
- Maximum semi-conductive jacket O.D. ..... 1.630″

**5906 can be used for 25KV, 4/0 copper.

Scotchcast® Termination Lugs

For use with Scotchcast 5900 Series Porcelain Termination Kits when terminating aluminum conductor cable. NOTE: For solid aluminum conductor, order one size *smaller* lug than for stranded conductor.

Prod. No.	Str. Cond.	Solid Cond.	Packing Lugs/Ctn.	Packing Lugs/Case
TL-2	#2	#2 and #1	1	10
TL-1	#1	1/0	1	10
TL-1/0	1/0	2/0	1	10
TL-2/0	2/0	3/0	1	10
TL-3/0	3/0	—	1	10
TL-4/0	4/0	—	1	10
TL-250	250	—	1	10
TL-300	300	—	1	10
TL-350	350	—	1	10
TL-400	400	—	1	10
TL-500	500	—	1	10

FOR PRICES, SEE PRICE PAGE SECTION E.

Scotchcast® 83-B1

Stress Cone Kit

Designed to terminate and seal the stress relief area on concentric neutral (URD) cable, rated from 5 to 15 KV, in pad-mounted transformers or areas where moisture, contamination and ultra-violet are not prevalent. Kit features butyrate mold body and preformed stress cone. Scotchcast Brand 4 Resin is used as the insulating sealant. Each kit makes two terminations.

Insul. O.D.	Cable* O.D.	Packing Kits/Box	Packing Kits/Ctn.
.620″ to .875″	27/32″ to 1 1/16″	1	10

*Not including external concentric wires.

FOR PRICES, SEE PRICE PAGE SECTION E.

Scotchcast® 83-A3, 83-B3, 83-A4, 83-B4

Termination Kits

Designed to terminate single-conductor shielded or concentric neutral (URD) cable rated from 5 to 15KV in low-conductive contaminate areas. Kits feature factory-formed parts, including butyrate mold bodies and preformed stress cone. Scotchcast Brand 14 Resin is used as the insulating sealant. A Scotchcast Brand Resin Pressure Gun, Model E-4A, is necessary for resin injection.

Kit No.	Insul. O.D.	Max. Cable O.D.	Packing
83-A3 (Outdoor Areas) 83-B3 (Indoor Areas)	.620 in. to 1.15 in.	1.44 in.	1 kit/ctn.
83-A4 (Outdoor Areas) 83-B4 (Indoor Areas)	1.15 in. to 1.54 in.	2.06 in.	1 kit/ctn.

FOR PRICES, SEE PRICE PAGE SECTION E.

SECTION·F

Scotchcast® 12 BRAND

Communications Insulating Resin

For use on PIC Communications and Control Cable. No. 12 is a two-part epoxy resin packaged in Unipak Brand Containers for exact mixing ratios and convenience.

Unipak Container Size	Unipak Container Fl. Oz.	Packing: Containers/ Box	Packing: Containers/ Carton
A	2¾	1	10
B	6¼	1	10
C	12½	1	10

FOR PRICES, SEE PRICE PAGE SECTION F.

Scotchflex® BRAND 700 Series

Communications Flat Cable and Accessories

Flat cable and components are a complete pressure-sensitive wiring system for communications and signal wiring. Available in ivory or gray.

Product No. and Description	Packing: Rolls/ Box	Packing: Rolls/ Ctn.	Packing: Rolls/ Case
700 Flat Cable 4-Conductor #26 AWG x 100 Ft.	1	10	10

Product No. and Description	Type of Packing	Packing: Boxes/ Ctn.	Packing: Ctns./ Case
717 Terminal	10/Box	1	5
718 Tap Connector	10/Box	1	5
719 Jack	10/Box	1	5
720 Corner Cover	10/Box	1	50
721 Trans. Conn.	10/Box	1	5
722 Plug	10/Box	1	5
724 Cover (gray only)	Ten 4 Ft. Covers/Box	1	1
725 Primer	½ Pt. Can/Box	1	10
725 Tube	2 oz. Tube/Box	1	10
E-14 Hand Roller	1/Box	1	10

FOR PRICES, SEE PRICE PAGE SECTION F.

Scotchflex® BRAND 706, 708, 710, 712, 713

Cable Clips

Vinyl clips with a foam pressure-sensitive adhesive for supporting horizontal or vertical runs of cable or wire. Firmly holds cable to prevent slippage. Available in gray only.

Prod. No.	Cable O.D.	Clip Length	Packing: Clips/ Box	Packing: Clips/ Ctn.	Packing: Clips/ Case
706	⅛″ nominal	1 in.	100	1000	1000
708	11/64″-15/64″	1¼ in.	100	1000	1000
710	15/64″-5/16″	1½ in.	100	1000	1000
712	19/64″-13/32″	1¾ in.	100	1000	1000
713	25/64″-½″	2 in.	100	1000	1000

FOR PRICES, SEE PRICE PAGE SECTION F.

Scotchflex® BRAND 805, 806

Cable Duct

Vinyl duct with a pressure-sensitive foam adhesive for supporting and bundling horizontal or vertical runs of cable or wire. Nos. 805 and 806 available in gray only.

Prod. No.	Cable O.D.	Duct Length	Packing: Duct/ Box	Packing: Duct/ Ctn.	Packing: Duct/ Case
805	up to ⅜″	1 in.	100	1000	1000
		4 ft.	10	10	10
806	up to 1″	4 ft.	10	10	10

FOR PRICES, SEE PRICE PAGE SECTION F.

Scotchcast® 4401 BRAND

Encapsulating Compound

A two-part, fast curing, urethane encapsulating compound for splicing, blocking, moisture sealing and end capping communication cables. 4401 is mixed in and poured from its convenient Unipak Brand Container for ease of handling.

Unipak Container Size	Net Wt.	Packing Unipaks/ Box	Unipaks/ Carton
A	3.3	1	10
B	7.4	1	10
C	14.8	1	10
D	23.8	1	10
E	10.6	1	10

FOR PRICES, SEE PRICE PAGE SECTION F.

Scotchcast® 4500, 4501, 4502

Multi-Mold Splice Closure Kits

A new concept in communications splicing. Multi-mold splice closure kits are designed for use in cable straight splicing, bridge splicing, pressure blocking, service wire tap splicing and sheath repair. A polycarbonate webbing, laminated to a mylar film, is wrapped and sealed around the splice area. The mold is then filled and the splice sealed with Scotchcast Brand 4401 Polyurethane Resin. This two-part resin is mixed in and poured from the convenient and unique Unipak Brand Container.

Product No.	Packing Kits/Box	Kits/Carton
4500	1	10
4501	1	1
4502	1	1

FOR PRICES, SEE PRICE PAGE SECTION F.

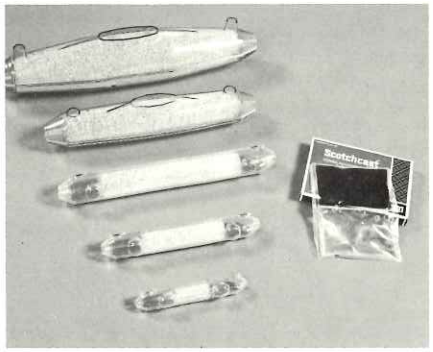
Scotchcast® 89-D1, 89-D2, 89-D3

Control Cable Splicing Kits

Splicing or blocking kits for insulating and moisture-sealing control cable. Kits contain snap-together transparent mold bodies and Scotchcast Brand 12 Electrical Insulating Resin as the insulating and sealing compound. Resin No. 12 is packaged in convenient Unipak Brand containers.

Prod. No.	Cable O.D.	Packing Kits/Box	Kits/Ctn.
89-D1	¼ in.-⅝ in.	1	10
89-D2	⅝ in.-1 in.	1	10
89-D3	1 in.-1 7/16 in.	1	10

FOR PRICES, SEE PRICE PAGE SECTION F.



Scotchcast® 8981, 8982, 8983, 8984, 8985

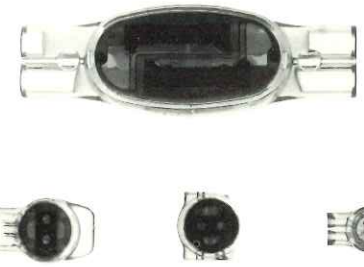
Splicing/Blocking Kits

Splicing and blocking kits for insulating and moisture-sealing communication cable. Kits contain snap-together transparent mold bodies with bubbles for larger size grounding devices (connectors). Spacer webbing is provided to insure uniform insulating compound distribution. Scotchcast Brand 4401 Polyurethane Compound is mixed in and poured from its convenient Unipak Brand Container.

Prod. No.	Max.* Pair Count	Cable Range	Packing Kits/ Box	Kits/ Carton
8981	4	¼ in.-⅝ in. O.D.	1	10
8982	18	⅝ in.-1 in. O.D.	1	10
8983	50	1 in.-1½ in. O.D.	1	10
8984	100	1 in.-2 in. O.D.	1	1
8985	300	1¼ in.-2½ in. O.D.	1	1

*Using UY Scotchloks

FOR PRICES, SEE PRICE PAGE SECTION F.



Scotchlok® U1B, U1R, U1Y, UAL, UG, UR, UY

Communications Connectors

Self-stripping, moisture resistance, simplicity and dependability are prime features of these U contact connectors for splicing communications and control cable.

U1B: Full-pair 4-wire inline connector for solid and stranded copper conductor combinations of 16-19 AWG having maximum insulation O.D. of .125 inch.

U1R: Full-pair 4-wire inline connector for solid and stranded copper conductor combinations of 19-24 AWG having maximum insulation O.D. of .125 inch.

U1Y: Inline connector for making a common among 4 wires for solid and stranded copper conductor combinations of 16-19 AWG having maximum insulation O.D. of .125 inch.

UAL: Butt connector for 2 or 3 wire solid aluminum and copper conductor combinations of 17-24 AWG with maximum insulation O.D. of .084 inch.

UG: Bridging connector for cutting in service without interrupting down stream service, pedestal mounts, service shafts; for cutting in loading coils and for bridge joints on cable tapes. Makes and insulates any 2-wire combinations of 19-26 AWG solid and 20-24 AWG stranded wire with maximum insulation O.D. of .068 inch.

UR: Splicing connector for cutting in service in ready-access cases, pedestal mounts and for pigtail joints on cable splices. Makes, insulates, moisture-seals any 2 or 3-wire combinations of 19-26 AWG solid and 20-24 AWG stranded wire with maximum insulation O.D. of .068 inch.

UY: Splicing connector for 2-wire copper conductor combinations of 22-26 AWG solid wire with maximum insulation O.D. of .060 inch.

Scotchlok	Packing: Connectors Per Box	Packing: Connectors Per Carton
UG	100	1000
UR	100	1000
UY	100	1000
U1B	100	1000
U1R	100	1000
U1Y	100	1000
UAL	100	1000
UG	100	1000
UR	100	1000
UY	100	1000

FOR PRICES, SEE PRICE PAGE SECTION F.

Scotchlok® E-9B, E-9C, E-9C1, E-9E, E-9Y

Crimping Tools

These tools are designed for speedy, positive crimping of Scotchlok Brand Communications Connectors.

E-9B: Parallel closing action with adjustable jaws. Features high mechanical advantage and a wire cutter. For use with **all** Scotchlok Communications Connectors.

E-9C: Cartridge-fed tool combines fast connector crimp ejection and automatic feed operation. Disposable cartridges hold UR and UY Scotchloks.

E-9C1: Carrying case/holster for E-9C.

E-9E: Parallel closing action. For use with UG, UR, and UY Connectors.

E-9Y: Stepped jaws and long nose provide nearly parallel crimping action at time of connection. Features a side wire cutter, insulated handles and an opening spring. For use with UG, UR, and UY Connectors.

Prod. No.	Packing: Tools/ Box	Packing: Tools/ Carton
E-9B	1	10
E-9C	—	1
E-9C1	—	1
E-9E	1	10
E-9Y	1	10

FOR PRICES, SEE PRICE PAGE SECTION F.

SECTION·G

Scotchlok®

Terminals

Crimp-type terminals in 26-4 AWG wire sizes for temperatures from —40°F to 900°F. Available in wide assortment of barrel and tongue styles and sizes . . . non-insulated, vinyl or nylon insulated. Available in two types of packaging (boxed and bulk).

BOXED

A select line of terminals (more than 270) are available. For complete listing of styles, detailed drawings and specifications, refer to catalog E-MBTC.

FOR PRICES, SEE PRICE PAGE SECTION G.

SECTION·H

Scotchlok®

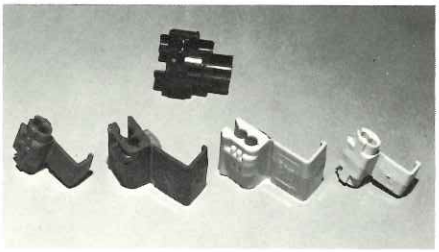
Terminals

BULK

A complete line of terminals available for the volume user. For a listing of styles, detailed drawings and specifications, refer to catalog E-MSTC-2.

FOR PRICES, SEE PRICE PAGE SECTION H.

SECTION·I



Scotchlok® 560, 561, 562, 564; 901, 905

Self-Stripping Electrical Tap Connectors; and Bullet Receptacles

Unique U Contact Tap Connectors make dependable, pre-insulated splices without stripping, twisting, or soldering. Available in sizes to accept CU wire from 22 to 10 AWG.

Wire Range	Circuit Wire (Run)	Fixture Wire (Tap)
560	18, 16, or 14 solid or stranded. UL Listed.	18, 16, or 14 solid or stranded.
561	12 solid or stranded. 10 stranded. UL Listed.	18 solid, 16, or 14 solid or stranded.
562	12 solid or stranded. 10 stranded. UL Listed.	12 solid or stranded. 10 stranded.
564	18, 16, or 14 solid or stranded.	18, 16, or 14 solid or stranded.
901	18, 16, or 14 stranded.	16 or 14 stranded.
905	18, 16, or 14 solid or stranded.	18, 20, or 22 solid or stranded.

Connector No.	Color	Packing: Box	Packing: Ctn.	Packing: Bin	Packing: Bulk
560	Blue	100	1000	1000	5000
561	Brown	100	1000	1000	—
562	Yellow	100	1000	1000	—
564	White	—	—	—	5000
901	Black	50	500	—	5000
905	Red	50	500	—	5000

FOR PRICES, SEE PRICE PAGE SECTION I.

Scotchlok® Y, R, G, B

Electrical Spring Connectors

Four connectors with "live" spring action will splice all common combinations of solid and stranded building and fixture wire from 18 through 6 AWG. Spring is encased in a steel shell with an outer jacket of color-coded vinyl plastic insulation.

Type	Color	Wire* Size	Packing	
			Boxed	Bulk
Y	Yellow	18-12	100/Box 1000/Ctn.	10,000
R	Red	16-10	100/Box 1000/Ctn.	10,000
G	Gray	14-8	100/Box 1000/Ctn.	5,000
				Bin
B	Blue	12-6	100/Box 1000/Ctn.	1,000

*For complete wire combinations, see chart provided with each package or ask for pamphlet 744-1318-124.

FOR PRICES, SEE PRICE PAGE SECTION I.

Scotchlok® 3576, 3577, 3578

Connector Sealing Packs

Connector sealing packs are circuit and fixture wire splicing kits complete with Scotchlok Brand Connectors and individual sealing packs of Scotchcast Brand 4 Resin.

Sealing Pack No.	Connector Type	Wire Range AWG	Packing	
			Units Per Box	Boxes Per Ctn.
3576	Y	18-12	10	10
3577	R	16-10	10	10
3578	B	12-6	10	10

FOR PRICES, SEE PRICE PAGE SECTION I.

Scotch® 6105, 6110, 6111, 6112

Connector Displays

These four connector units are mounted on cards and are designed for pegboard or rack display. Instructions and wire combination are printed on the back of each card. The 6105 Display features Scotchlok Brand 901 Bullet Receptacle Connectors. The 6110 Display contains Scotchlok Brand Y Electrical Spring Connectors. 1611 and 1612 Displays feature R and G Connectors, respectively.

Product No.	Wire Range	Packing		
		Conn./ Pkg.	Pkgs./ Display	Disp./ Carton
6105	18-24	4	10	10
6110	18-12	6	12	6
6111	16-10	6	12	6
6112	14-8	3	12	6

FOR PRICES, SEE PRICE PAGE SECTION I.

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Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith.

Statements or recommendations not contained herein shall have no force or effect unless in an agreement signed by officers of seller and manufacturer.

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E-MCAT-3(727.5)CP

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